

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1-24. (Cancelled).

25. (Original) Copolymer of ethylene and a further 1-olefin wherein the degree of short chain branching per thousand carbons (SCB) is from 2.0 to 10, and the relationship of modulus in MPa (M) to SCB (B) is defined by the equation $M = k - 62.5B$ where k is 820 or greater.

26. (Original) Copolymer according to claim 25 wherein the SCB is between 2 and 8.

27. (Previously presented) Copolymer according to claim 25 wherein the SCB is greater than 2.5.

28. (Previously presented) Copolymer according to claim 25 wherein k is 830 or greater.

29-30. (Cancelled).

31. (Previously presented) Copolymer according to claim 27 wherein SCB is greater than 3.0.

32. (Previously presented) Copolymer according to claim 28 wherein k is 840 or greater.

33. (Previously presented) Copolymer according to claim 32 wherein k is 850 or greater.

34-39. (Cancelled).